

DW318

DLP® Projector

Immerse yourself in
HD projection



HD Ready



View HD from Blu-ray, games consoles, TV boxes and computers



Brilliant high brightness images – 2500 ANSI Lumens



Crystal clarity – 2500:1 Contrast ratio



HDMI input for pure digital images



VGA input for convenient computer connectivity



Environmentally friendly – less than 1W standby mode



HD Ready
720p

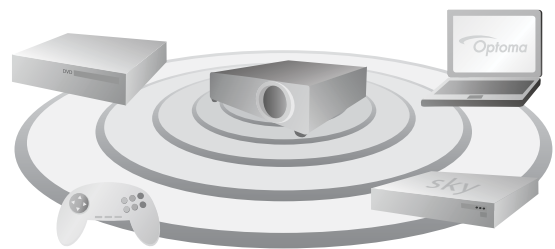
HD experience in your home

The DW318 produces an exceptionally bright 2500 Lumens image enabling quality viewing even in high ambient light conditions. Use it like a TV and leave the lights on! Immerse yourself in life size HD characters for an extreme gaming experience or project all the atmosphere of a live sporting event into your home.



WXGA\HD READY RESOLUTION

The widescreen DW318 is the perfect companion for Blu-ray and DVD players, TV boxes, games consoles or widescreen computers and laptops.



TRUE HDMI

Project crystal clear images using the latest HDMI v1.3 input. Hassle-free projection from a widescreen computer/HD source with a single HDMI cable – no need for separate audio cables.

CLEAR, FOCUSED IMAGES

Technology from Texas Instruments produces a stunning 2500:1 contrast ratio for pin sharp graphics and crystal clear text. Crisper whites, ultra-rich blacks makes images come alive and text easier to read - ideal for business and education presentations.



1000:1 contrast ratio



2500:1 contrast ratio

*Simulated Image

CONTROL

The extensive RS232 command set makes it simple and easy to control the DW318 with any control system.



AMX Compatibility – Dynamic Discovery Protocol is incorporated into the DW318. This feature allows for easy installation with AMX control systems.

AMAZING COLOURS

The DW318 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

Preset display modes allow you to achieve a perfect image on a variety of surfaces including screens and interactive whiteboards.

COLOUR AND IMAGER GUARANTEE

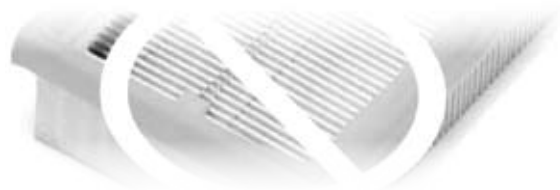
Bright colours and fantastic image quality are guaranteed for an amazing 5 years after purchase - giving piece of mind that the technology inside the Optoma DW318 projector won't fade or degrade.



Enjoy big
bright images

VIRTUALLY MAINTENANCE FREE = LOWER TOTAL COST OF OWNERSHIP (TCO)

DW318 provides lower cost of ownership, longer life and improved reliability. The filter-free projector design does not require regular filter cleaning or filter replacement, saving you time and money.



ENVIRONMENTALLY FRIENDLY

The DW318 incorporates energy saving features to conserve power and extend the lamp life:



To achieve the maximum 4000hrs** lamp life time the projector should be operating in STD mode and the shut down timer should be enabled to automatically switch off the projector if it is accidentally left on when no longer required. Enabling the <1W Standby mode will ensure the minimum energy consumption when the projector is not being used.



It takes less than 10 seconds for the projector to power up and shutdown, saving both time and energy.



DW318 SPECIFICATIONS

Native Resolution	WXGA 1280 x 800
Compressed Resolution	up to UXGA (1600 x 1200)
Brightness	2500/2100 Lumens (BRIGHT/STD mode)
Contrast	2500:1
Noise Level	28dB
Lamp Life**	4000/3000 (STD/BRIGHT mode)
Projection Lens	F/2.5 ~ 2.67, f=21.86 ~ 24.0mm, 1.1x Manual Zoom
Throw Ratio	1.55 - 1.7:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.83 - 9.13m (32.77" - 359.44") Diagonal 16:10
Display Technology	Single 0.65" WXGA DMD chip DLP® Technology by Texas Instruments
Weight / Dimensions (W x D x H)	2.3 kg / 286 x 192 x 84mm
Remote Control	Full function remote with direct source selecting
INPUTS	HDMI (HDCP) - audio supported (DVI-D via adaptor) 15 Pin D-Sub VGA (SCART & Component via adaptor) S-Video 4 Pin Mini Din Composite RCA 3.5mm Audio Mini Jack
CONTROL	RS232 3 Pin Mini DIN
OUTPUTS	15 Pin D-Sub VGA (monitor loop-through) 3.5mm Audio Mini Jack
Audio	1 x 2W Speaker
Aspect Ratio	16:10 Native, 4:3 & 16:9 Compatible
Keystone Correction	± 40° Vertical
On Screen Display	18 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish, Farsi & Arabic
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
Uniformity	85%
Displayable Colours	16.7 Million
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 120Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	233W BRIGHT mode < 1W Standby mode 207W STD mode < 1W Standby mode
Operating Conditions	Operating: 5 - 35°C, 85% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, Carry Bag, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details
Colour Guarantee*	5 Years
Imager Guarantee***	5 Years
3D Support	120Hz frame sequential 3D for resolutions up to 720p. 60Hz field sequential 3D for resolutions up to 480i
3D Viewing	Requires Optoma DLP® Link™ active shutter glasses - sold separately
3D Compatibility	The 3D features of the DW318 can only be used with compatible 3D content and do not support 3D TV broadcast systems, including the 3D SKY service in the UK, or 3D Blu-ray. Support for these applications may be added in future using additional hardware

EASY TO USE REMOTE CONTROL

DW318 Remote Control

- 1 Vertical Keystone Correction
- 2 Volume Control
- 3 Brightness Adjustment
- 4 AV Mute
- 5 Direct Input Source Selection

DW318 Connections

- 6 VGA 1 - SCART & Component
- 7 VGA Out
- 8 HDMI (audio supported)
- 9 S-Video
- 10 Composite Video
- 11 RS232 - 3 Pin
- 12 Audio In
- 13 Audio Out
- 14 Security Bar
- 15 Kensington™ Lock



Exceptional Connectivity/ Multiple Terminals



Easy to use remote
with buttons to
change the input
sources



DW318 Projection Distance 1.2 - 12m (16:10 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.20	0.77	0.71	0.48	0.44	0.91	35.94	0.06
2.00	1.29	1.18	0.81	0.74	1.52	59.91	0.10
2.50	1.61	1.47	1.01	0.92	1.90	74.88	0.13
3.00	1.94	1.76	1.21	1.10	2.28	89.86	0.15
4.00	2.58	2.35	1.61	1.47	3.04	119.81	0.20
5.00	3.23	2.94	2.02	1.84	3.80	149.76	0.25
6.00	3.87	3.53	2.42	2.21	4.56	179.72	0.30
7.00	4.52	4.12	2.82	2.57	5.33	209.67	0.35
8.00	5.16	4.71	3.23	2.94	6.09	239.62	0.40
9.00	5.81	5.29	3.63	3.31	6.85	269.58	0.45
10.00	6.45	5.88	4.03	3.68	7.61	299.53	0.50
11.00	7.10	6.47	4.44	4.04	8.37	329.48	0.55
12.00	7.74	7.06	4.84	4.41	9.13	359.44	0.60

For guide purposes only

DW318 is capable of 4:3 and 16:9 aspect ratio projection. When projecting a 4:3/16:9 image the image sizes, screen height and offset information will differ from the above.

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*Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Exclusions: (1) Guarantee is voided if the projector is subject to damage through misuse. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other faults. (4) Over time worn lamps within all projector types will show a slight colour variance. **Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. ***Optoma guarantees that in normal use, the DLP® imager will retain image quality for at least 5 years and provide consistent pixel performance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through misuse. (2) Guarantee may be void in industrial or commercial environments where dust or smoke is excessive. Copyright © 2010, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments.